
**CHECKLIST #0445 FOR THE APPROVAL OF:
PLASTIC AND FOAM PLASTIC**

- ☐ Basic Requirements Checklist.
- ☐ One set of the manufacturer's 'approval document'.
- ☐ Copy of Material Safety Data Sheet
- ☐ Manufacturer's brochure with description, characteristics, use, installation, etc. of the product considered for approval.

The following current laboratory tests and test reports in compliance with protocol TAS 301.

- ☐ After outdoor exposure in South Florida at 45 degrees for 5 years or to Xenon Arc utilizing a 6500 watt lamp per ASTM G26 (Test Method 1) or ASTM G155 for a period of 4500 hours; tensile test per ASTM D638 and/or flexural test per ASTM C158 on exposed and non-exposed samples. Maximum allowable difference: +/- 10%. This test is required for all plastics with outdoor exposure.
- ☐ Test for self-ignition temperature greater than 650° F according to ASTM D1929. This test is required for all plastics.

For Foam Plastics only:

- ☐ Test for flame spread index less than 75 according to ASTM E84.
- ☐ Test for smoke density index less than 450 according to ASTM E84.

For other Plastics:

- ☐ Test for smoke density rating less than 450 according to ASTM E84
Or
Test for smoke density rating less than 75 according to ASTM D2843.
- ☐ Test for rate of burning for Class C1 or C2 according to ASTM D635.

